

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E87304

**Participation :** CTR

**Employer :** The Boeing Company

**Status :** Affected

**Worksite :** The Boeing Company - Rivertech

**Survey Type :** Online

**Street :** 500 Naches Ave Sw

**Response Rate :** 82%

**Jurisdiction :** City of Renton

**Survey Date :** 5/8/2016

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 4.5%

**Drive Alone Rate :** 95.5%

**One-Way VMT per employee :** 16.1

**Average One-Way distance home to work :** 16.6

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 122

**Surveys Distributed :** 122

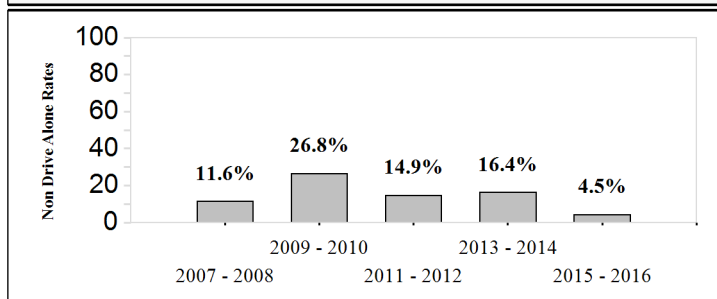
**Surveys Returned :** 100

**Surveys Returned by CTR Affected\* Employees :** 100

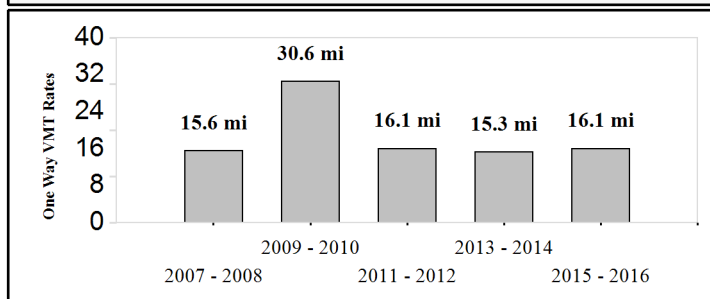
**Total Estimated CTR Affected Employees at Worksite :** 122

\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

**Non Drive Alone Rates - ALL Employees**



**One Way VMT per Employee - ALL Employees**



### Site History and Targets

### Annual Metric Tons CO2e Pounds CO2e

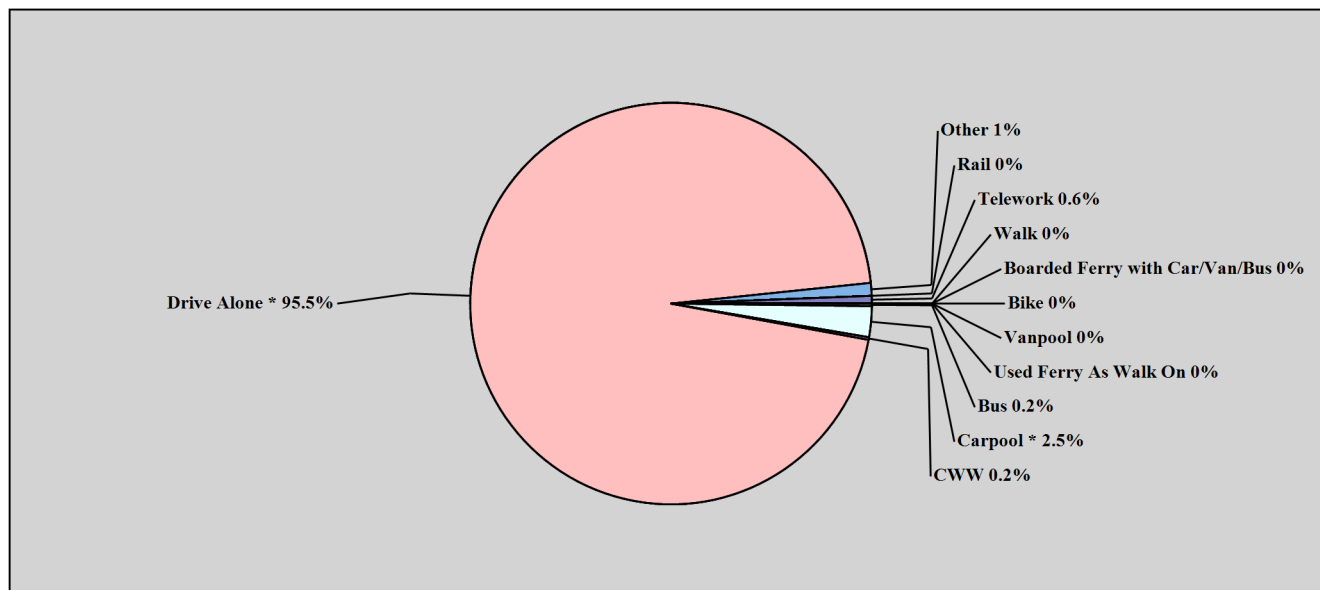
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	11.6%	10.1%	277	384	27.8	15.6	15.7
2009 - 2010	11.3%	11.6%	281	655	47.3	16.5	16.7
2009 - 2010	15.5%	15.5%	370	633	45.7	14.1	14.1
2011 - 2012	14.9%	15.2%	174	536	38.7	16.1	16.2
2013 - 2014	16.4%	16.8%	328	542	39.2	15.3	15.3
2015 - 2016	4.5%	4.5%	328	401	29.0	16.1	16.1
2017 - 2018	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	29.9%				Target:	12.1	
% Point Change Target:	18.3				% Change Target:	-22.4%	
% Point Change from Baseline:	-7.1				% Change from Baseline:	3.2%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



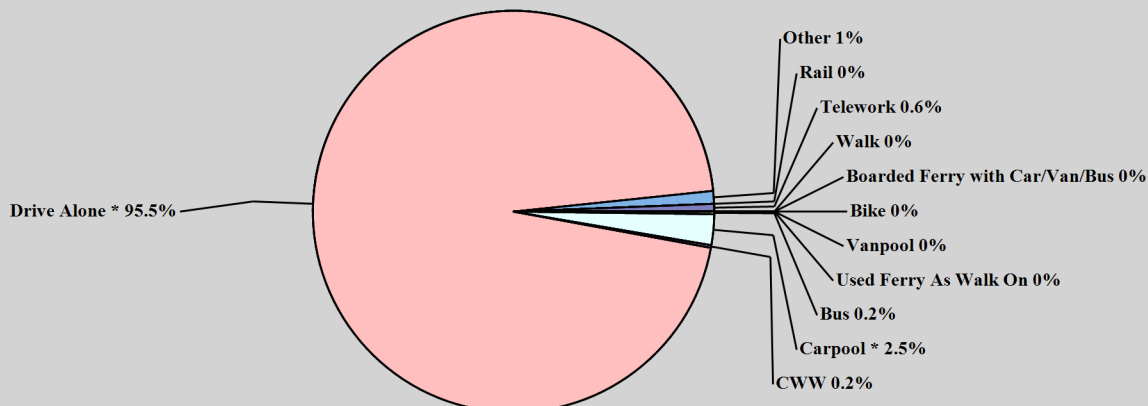
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	463	95.5%	83.6%	98	98.0%	87.4%
Carpool *	12	2.5%	5.0%	6	6.0%	7.8%
Vanpool	0	0.0%	0.6%	0	0.0%	1.0%
Bus	1	0.2%	0.0%	1	1.0%	0.0%
Rail	0	0.0%	0.8%	0	0.0%	1.0%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	3	0.6%	8.5%	3	3.0%	17.5%
CWW	1	0.2%	0.2%	1	1.0%	1.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	5	1.0%	1.2%	3	3.0%	1.9%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	463	95.5%	83.2%	98	98.0%	87.1%
Carpool *	12	2.5%	5.1%	6	6.0%	7.9%
Vanpool	0	0.0%	0.6%	0	0.0%	1.0%
Bus	1	0.2%	0.0%	1	1.0%	0.0%
Rail	0	0.0%	0.8%	0	0.0%	1.0%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	3	0.6%	8.7%	3	3.0%	17.8%
CWW	1	0.2%	0.2%	1	1.0%	1.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	5	1.0%	1.3%	3	3.0%	2.0%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	88	88%	100	100%
<b>1 Days</b>	6	6%	12	12%
<b>2 Days</b>	4	4%	6	6%
<b>3 Days</b>	1	1%	2	2%
<b>4 Days</b>	0	0%	1	1%
<b>5 Days</b>	1	1%	1	1%
<b>6 or More Days</b>	0	0%	0	0%

**Count by Occupancy of Carpools and Vanpools**

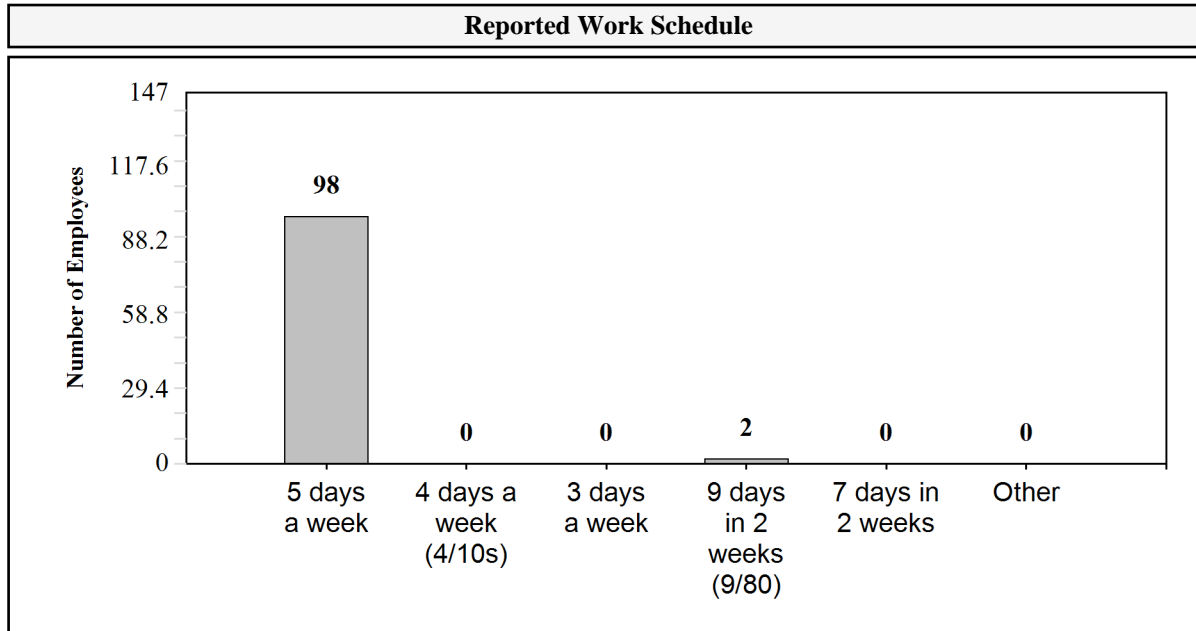
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	12
<b>3</b>	Carpool	0
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

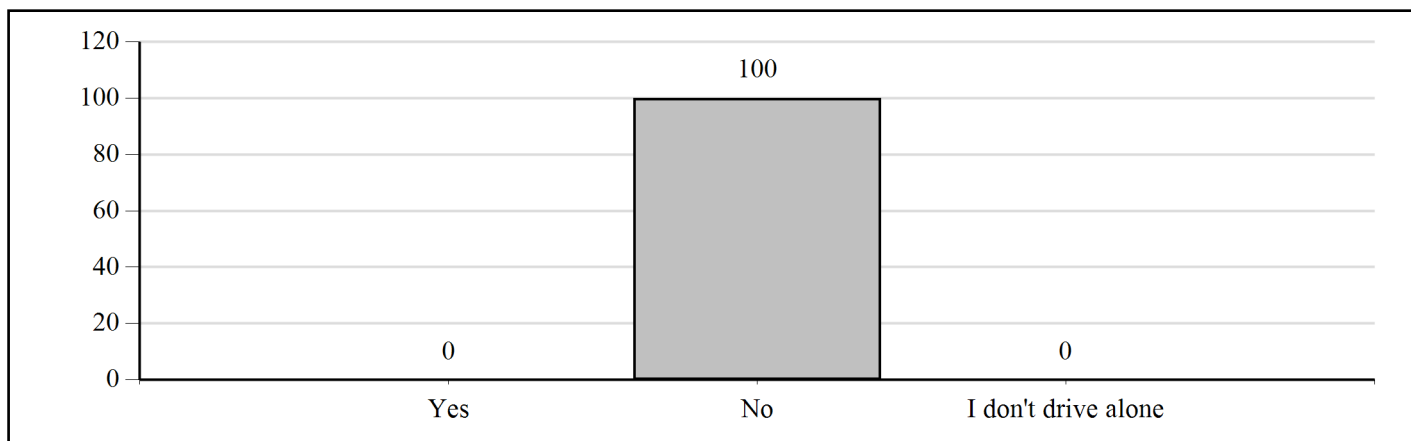
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	98	98%
4 days a week (4/10s)	0	0%
3 days a week	0	0%
9 days in 2 weeks (9/80)	2	2%
7 days in 2 weeks	0	0%
Other	0	0%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	52	52.0%
Occasionally, on an as-needed basis	44	44.0%
1-2 days/month	2	2.0%
1 day/week	2	2.0%
2 days/week	0	0.0%
3 days/week	0	0.0%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I have the option of teleworking	33	18.4%
Personal health or well-being	27	15.1%
To save time using the HOV lane	25	14.0%
Other	17	9.5%
Driving myself is not an option	15	8.4%
Environmental and community benefits	15	8.4%
To save money	13	7.3%
Cost of parking or lack of parking	10	5.6%
Free or subsidized bus, train, vanpool pass or fare benefit	8	4.5%
Financial incentives for carpooling, bicycling or walking.	7	3.9%
Emergency ride home is provided	7	3.9%
Preferred/reserved carpool/vanpool parking is provided	2	1.1%
I receive a financial incentive for giving up my parking space	0	0.0%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	74	29.0%
I like the convenience of having my car	65	25.5%
Family care or similar obligations	28	11.0%
Other	26	10.2%
Bicycling or walking isn't safe	22	8.6%
My commute distance is too short	18	7.1%
My job requires me to use my car for work	15	5.9%
I need more information on alternative modes	4	1.6%
There isn't any secure or covered bicycle parking	3	1.2%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98058	8	8.00%	35	0	0	0	0	0	0	0	2	0	0	0	0
98059	7	7.00%	35	0	0	0	0	0	0	0	0	0	0	0	0
98056	5	5.00%	24	0	0	0	0	0	0	0	0	0	0	0	0
98029	4	4.00%	13	2	0	0	0	0	0	0	0	0	0	0	0
98001	3	3.00%	15	0	0	0	0	0	0	0	0	0	0	0	0
98031	3	3.00%	9	0	0	0	0	0	0	0	0	1	0	0	3
98038	3	3.00%	13	1	0	0	1	0	0	0	0	0	0	0	0
98042	3	3.00%	12	0	0	1	0	0	0	0	0	0	0	0	0
98057	3	3.00%	15	0	0	0	0	0	0	0	0	0	0	0	0
98198	3	3.00%	15	0	0	0	0	0	0	0	0	0	0	0	0
98422	3	3.00%	15	0	0	0	0	0	0	0	0	0	0	0	0
98006	2	2.00%	6	1	0	0	0	0	0	0	1	0	0	0	0
98008	2	2.00%	11	0	0	0	0	0	0	0	0	0	0	0	0
98012	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98027	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98033	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98052	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98055	2	2.00%	4	5	0	0	0	0	0	0	0	0	0	0	1
98092	2	2.00%	9	0	0	0	0	0	0	0	0	0	0	0	0
98102	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98103	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98115	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98119	2	2.00%	9	1	0	0	0	0	0	0	0	0	0	0	0
98166	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98275	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98391	2	2.00%	10	0	0	0	0	0	0	0	0	0	0	0	0





			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98003	1	1.00%	4	0	0	0	0	0	0	0	0	0	0	0	0
98004	1	1.00%	2	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	1
98007	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	1	1.00%	7	0	0	0	0	0	0	0	0	0	0	0	0
98072	1	1.00%	6	0	0	0	0	0	0	0	0	0	0	0	0
98083	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98104	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98107	1	1.00%	3	2	0	0	0	0	0	0	0	0	0	0	0
98112	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98116	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98118	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98122	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98127	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98199	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98272	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98371	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98444	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98506	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98580	1	1.00%	5	0	0	0	0	0	0	0	0	0	0	0	0